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Name: James J. Dade  
Signature: [Signature]  
Date: April 21, 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor : Takehiro FUKUWAKI  
Serial No. : 10/644,153  
Filed : 08/20/2003  
Title : DISPLAY DEVICE

04/26/2006 WASFAW1 00000014 10644153

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April 21, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

S I R:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the non-US documents (if any) listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

Also attached is a copy of the Japanese Office Action dated March 7, 2006, for the corresponding Japanese Office Application 2002-240174. All of the documents listed in Form PTO-1449 appear in the Japanese Office Action.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to

allow the application to issue as a patent, but the citation of each document is not to be construed

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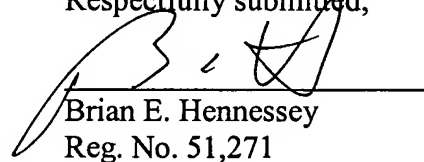
as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

As this statement is being filed prior to issuance of a final Office Action, please charge a fee of \$180.00 to Deposit Account 50-1290 in accordance with 37 CFR 1.97(c) and 1.17(p). Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the information disclosure statement..

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,



Brian E. Hennessey  
Reg. No. 51,271

**CUSTOMER NO.: 026304**  
Telephone: (212) 940-8800  
Fax: (212) 940-8986  
DOCKET NO.: NECE 20.585

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1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 10/644,153
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date : 08/20/2003
Sheet 1 of 1		First Named Inventor: Takehiro Fukuwaki
		Group Art Unit : 2871
		Examiner Name : Richard H. Kim
		Attorney Docket No. : NECE 20.585

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

### FOREIGN DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		2002-221915	JP	ADVANCED DISPLAY KK	08-09-2002	*, **
		H04-288526	JP	MITSUBISHI ELECTRIC CORP	10-13-1992	*, **
		H10-222088	JP	MATSUSHITA ELECTRIC IND CO LTD	08-21-1998	*, **
		2001-215474	JP	OPTREX KK	08-10-2001	*, **
		2001-356324	JP	NIPPON SEIKI CO LTD	12-26-2001	*, **
		H04-186225	JP	HITACHI LTD, HITACHI MICRO SOFTWARE SYST	07-03-1992	*, **

\*Mentioned in Japanese Office Action dated March 7, 2006 for corresponding Japanese Application 2002-240174

\*\* English language abstracts provided

### Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
		Japanese Office Action dated March 7, 2006 for corresponding Japanese Application 2002-240174	X (partial)
Examiner Signature		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>1</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.